

EXHIBIT C

Gaztambide Deposition

IN THE UNITED STATES DISTRICT COURT
FOR THE DISTRICT OF PUERTO RICO

UNITED STATES OF AMERICA :
 :
Plaintiff :
 :
v. : CIVIL NO. 98-1664 (CCC)
 : CIVIL NO. 98-2344 (CCC)
33,92536 ACRES OF LAND, MORE :
OR LESS, SITUATED IN VEGA BAJA, :
COMMONWEALTH OF PUERTO RICO, :
AND JUAN PIZA BLONDET, AND :
UNKNOWN OWNERS :
 :
Defendants :
 :

DEPOSITION OF:

CARLOS E. GAZTAMBIDE

was taken on April 5, 2006 at the offices of CARLOS
GAZTAMBIDE & ASSOCIATES, Banco Popular Center, Suite
1515, 208 Muñoz Rivera Avenue, Hato Rey, Puerto Rico,
commencing at 9:40 a.m.

BONAFIDE & CERTIFIED REPORTING
P.O. BOX 9022272
SAN JUAN, PUERTO RICO 00902-2272
(787) 250-8507

SHEET 17 PAGE 62

1 determinations included in this report are only intended
2 to support the highest and best use framework for
3 purposes of this appraisal." Is that true?

4 A This is, yes. This is a clone of what we
5 discussed before.

6 Q So this statement of assumption and limiting
7 condition indicates that you assumed that there was
8 demand --

9 A Yes.

10 Q -- for the highest and best use, as you
11 indicate in that report, is that correct?

12 A That's correct.

13 Q And that would be you assumed demand for both
14 residential development and for silica sand extraction,
15 is that true?

16 A Sales for silica, sales, yes.

17 Q And did you also assume that the development
18 of median density residential housing would be
19 financially feasible? Is that what this statement says?

20 A Yes.

21 Q And you assumed that a sand extraction
22 operation would be financially feasible, is that true?

23 A Based on the historical performance of the
24 farm.

PAGE 64

1 assumed that, yes, you can extract that sand and sell it
2 without checking on who can buy it, that would be
3 extraordinary but we as appraisers, we are reporters,
4 we're reporters of the market and, you know, and we look
5 at things and report what we believe is happening.

6 Q So nowhere in your report do you say that
7 you've made an extraordinary assumption?

8 A No, because I don't believe they're real
9 extraordinary assumptions. It's just a regular
10 assumption that you do based on what you, what has been
11 evidenced from the market. 1A master EROR

12 Q Do you need to take a break?

13 A No.

14 MR. P.E. HARRISON: Are you okay?

15 THE DEPONENT: I'll go for it.

16 MR. TAPICK: You would like a break?

17 THE DEPONENT: Yes, sir.

18 MR. TAPICK: Why don't we take a five minute
19 break.

20 (A recess was taken at this time.)

21 EXAMINATION CONTINUED

22 BY MR. TAPICK:

23 Q Mr. Gaztambide, before the break we were
24 talking about some of the preliminary parts of your

PAGE 63

1 Q So if those assumptions turn out to be false,
2 then the conclusions in your appraisal reports would be
3 invalidated, is that true?

4 A Depending upon the, what turns out to be
5 false, they could be affected and eventually invalidate
6 it if everything turns out to be false.

7 Q If these particular assumptions about demand
8 and financial feasibility turn out to be false, would
9 that undermine the conclusions of the reports?

10 A Yes.

11 Q Are you familiar with the term extraordinary
12 assumption?

13 A Yes.

14 Q Do you believe that your statements constitute
15 an extraordinary assumption in this appraisal report?

16 A I don't think it does because there is enough
17 evidence that I was exposed to to make these original
18 assumptions.

19 An extraordinary assumption would be something
20 that, you know, will be definitely contrary to the
21 tendency you observe in a particular market.

22 If I had assumed that a residential development was
23 possible there without a single development going up on
24 the main tract or on the adjacent parcels, or if I had

PAGE 65

1 appraisal report and now I'd like to ask you some
2 questions about your highest and best use conclusion.

3 Concerning what I will call your primary appraisal
4 report which is the appraisal report of the fee simple
5 value, what is fee simple? Can you tell me just in
6 every day terms.

7 A It's a full bundle of rights. Fee simple is
8 you control the full bundle of rights.

9 Q And when you say "bundle of rights" you mean
10 the property rights associated with the real estate?

11 A Exactly. The title rights, the right to own,
12 dispose, lease, sell.

13 Q So that would include all the rights and the
14 use and enjoyment for the property?

15 A Exactly.

16 Q And you valued the subject property as vacant,
17 is that correct?

18 A As vacant.

19 Q Is there a reason you did that?

20 A Well, usually, typically you address the
21 highest and best use as if vacant under the assumption
22 that the improvements on the property may be removed in
23 order to put the property to its highest and best use,
24 not necessarily meaning that the current use of any

SHEET 46 PAGE 178

1 A Yes. This is, this is a local jurisprudence.
 2 Q Do you know if Puerto Rico law controls in
 3 this case?
 4 A Excuse me?
 5 Q Do you know if Puerto Rico law would control
 6 in this eminent domain action?
 7 A I don't know. I'm appraising based on, in the
 8 local jurisprudence. I am appraising a farm that is
 9 situated in Puerto Rico so I would say that.
 10 Q Were you advised by counsel --
 11 A No. No. This is just my --
 12 Q So you were not advised by counsel regarding
 13 what law to follow --
 14 A No.
 15 Q -- in making your present assignment?
 16 A No, no, no. The other one is ELA --
 17 Q That's okay, Mr. Gaztambide.
 18 A -- versus Sociedad Agricola Industrial, 104
 19 DPR392 and also Nichols on eminent domain covers that in
 20 Volume 4. Nichols is sitting up there.
 21 Q Yes, sir. I'd like to switch topics.
 22 A Sure.
 23 Q And ask you about your addendum report on sand
 24 extraction.

PAGE 180

1 Q Is there sand on the other portions of Mr.
 2 Piza's farm?
 3 A There's sand on the other portions? Frankly,
 4 I haven't walked the other portions.
 5 Q When you went to the Haciendas de Tortuguero
 6 subdivision, did you see sand on that portion?
 7 A I wasn't looking for it, frankly. I was
 8 looking for, for the characteristics of the subject and
 9 I looked throughout the subject the best I could but the
 10 rest of the farm, I haven't even walked on it.
 11 Q But you walked on the Haciendas de Tortuguero
 12 subdivision or you --
 13 A The streets right on the sidewalks.
 14 Q But you couldn't tell if there was sand there?
 15 A I wasn't looking for it so I really can't tell
 16 you if I was really looking for that.
 17 Q So you decided --
 18 A It is because when you get to the subject, it
 19 strikes you.
 20 Q You decided to retain Dr. Joyce, is that fair?
 21 A I recommended and then they went along with me
 22 and, and retained him.
 23 Q You recommended that to counsel or to your, to
 24 Mr. Piza?

PAGE 179

1 A Sure.
 2 Q And this is a report that, as we previously
 3 discussed, was also produced with an effective date of
 4 June 13, 2005. Is that correct?
 5 A Yes. I had a copy around here.
 6 Q You did. Is it --
 7 A I don't see it. That could be it.
 8 MR. HARRISON: Paul, is that your copy that's
 9 or --
 10 MR. P.E. HARRISON: No, I don't think so.
 11 EXAMINATION CONTINUED
 12 BY MR. TAPICK:
 13 Q Who decided to retain Dr. James Joyce in this
 14 case?
 15 A I recommended it.
 16 Q Okay.
 17 A Because in a previous case this was, you know,
 18 when we're talking about sand volumes and what have you,
 19 of course, I'm not a geologist so I recommended that he
 20 be retained so that he could estimate the sand volumes
 21 involved.
 22 Q How do you know there was sand on this
 23 property?
 24 A Because I walked on it.

PAGE 181

1 A I don't remember. I don't remember to whom I,
 2 I made the recommendation directly.
 3 Q And you don't have any expertise in sand
 4 extraction yourself, that's why you look to Dr. Joyce,
 5 is that --
 6 A Exactly.
 7 Q Okay. And have you ever appraised mineral
 8 interests prior to this case?
 9 A Yes, we did it in another case in, in Jayuya.
 10 Q The one you were telling us about this morning
 11 in Jayuya?
 12 A Yes.
 13 Q Other than that case, have you ever appraised
 14 mineral interests?
 15 A I don't remember. I might have but I don't
 16 remember.
 17 Q And the case in Jayuya involved sand that's
 18 used in the construction industry, is that correct?
 19 A Primarily, yes.
 20 Q Now, you looked at Gonzalez Ferrer's appraisal
 21 of this property and Ivan Canino's appraisal of this
 22 property as you mentioned previously. Did those
 23 appraisals mention sand extraction, that you recall?
 24 A I don't recall.

SHEET 47 PAGE 182

1 Q What --

2 A I looked very carefully at Mr. Gonzalo
3 Ferrer's appraisal. I didn't look to carefully at
4 Canino's because it was previously prepared, I looked
5 carefully to Gonzalo Ferrer's appraisal because he's, I
6 know he's very thorough appraiser and I wanted to see
7 how much information he was able to gather and benefit
8 from that.

9 Q As an appraiser, what sort of information did
10 you need from Dr. Joyce?

11 A Well, I wanted, first of all, to know the
12 quality of the product, the quality of the sand and the
13 volumes.

14 Q So the volumes and the quality. Did you need
15 to have anything else from him?

16 A Well, yes. I asked him also to look into the
17 marketability, the marketability of the sand and I
18 believe he contacted initially Owens Illinois which is
19 the firm in Puerto Rico that is eagerly pursuing that
20 sand for their operation.

21 Q Did you have Dr. Joyce analyze the legal
22 permissibility of sand extraction?

23 MR. MUNPHREY: Objection to the form.

24 THE DEPONENT: I didn't ask him really. I

PAGE 184

1 that you, as an appraiser, would need from a subsidiary
2 expert?

3 A Yes.

4 Q And it did meet those criteria?

5 A I think it did met them.

6 Q And those are criteria that are set forth in
7 USPAP, is that correct?

8 A Yes.

9 Q So Dr. Joyce's work met your needs and
10 expectations in this case, is that a fair statement?

11 A Yes. That's a fair statement.

12 Q Did you review any prior drafts of Dr. Joyce's
13 report before he submitted a final report?

14 A No. No. I think I just got the final report.

15 Q Now, he's revised his report since the
16 preparation of your addendum appraisal report in June of
17 2005, is that correct?

18 A Yes, I think he did.

19 Q He prepared a revised a reports on February 9,
20 2006, is that correct?

21 A I don't have the date. Let me see if this one
22 -- Yes, this is the revised extraction volume
23 estimates.

24 Q Have you revised your addendum appraisal

PAGE 183

1 don't know if he mentioned that, I don't recall if he
2 mentions that in the report but I don't remember asking
3 him but maybe he touched the topic in the report and I
4 don't remember now.

5 EXAMINATION CONTINUED

6 BY MR. TAPICK:

7 Q Are you the one who primarily spoke to Dr.
8 Joyce about his assignment in this case?

9 A I would say so, although he might have some
10 conversations with, with David Vidrine but I'm not sure
11 about that. Usually we dealt through me but I cannot
12 guarantee you that, I'm pretty sure they must have
13 spoken.

14 Q Did you do any independent investigation of
15 the legal permissibility of sand extraction?

16 A I relied on the historical track record of the
17 property and the, I analyzed the different steps that
18 Mr. Piza had to follow before the, from the '88 on and
19 as he was obtaining permits, first regular permits, then
20 permanent permits.

21 Q Did you examine Dr. Joyce's report when he
22 presented it to you?

23 A Yes.

24 Q Did you analyze whether it met the criteria

PAGE 185

1 report to meet the new figures in his revised silica
2 sand extraction --

3 A No.

4 Q -- volume estimate?

5 A No.

6 Q Is there a reason why not?

7 A Well, first of all, I wasn't asked to and
8 second --

9 Q That's a good reason.

10 A Yes, that's a good reason. And second, I
11 remember that the original report gave us a rather ample
12 range so I don't think that ample range would be
13 significantly affected.

14 Q Okay. Now, in your June 13 addendum, June
15 13th, 2005 addendum --

16 A Yes.

17 Q -- appraisal, did you perform an analysis of
18 an income stream based on the anticipated future profits
19 that may be derived from extracting sand --

20 A Yes.

21 Q -- sand extraction operation on the subject
22 property?

23 A Yes.

24 Q So that's something that you based on his

BONAFIDE & CERTIFIED REPORTING SERVICE (787) 250-8507)

SHEET 48 PAGE 186

1 report, his initial report but not his revised report,
2 is that correct?

3 A That's correct.

4 Q Did you also perform an analysis of an
5 anticipated royalty income based on leasing the subject
6 property to a sand extraction operator?

7 A No.

8 Q Have you encountered any evidence in your
9 analysis of market data of land owners that lease their
10 property to sand extraction operators?

11 A Recently and by recently I mean the last year,
12 I became involved, I appraised a quarry and that
13 particular quarry had two operations on the quarry; one
14 by the owner of the farm and the other was a lease based
15 on a royalty and I don't remember, I might have done
16 part myself but part was done by my associate, Juan
17 Cruz.

18 You know by know that I'm not, not an engineer, I'm
19 just a lawyer so I have to recognize my shortcomings and
20 so when we do quarrying, if you, now that we mention
21 quarrying, you asked me about mineral rights, you know,
22 I've appraised several quarries in Puerto Rico and in
23 the Virgin Islands so I used Juan Cruz in the quarry
24 appraisals and he interviewed for me one or two quarry

PAGE 188

1 cubic meters in products that are probably worth ten to
2 \$15. per cubic meter so we could, by analogy, come up
3 with, with a fair royalty if we were to look at the
4 silica sand.

EXAMINATION CONTINUED

5 BY MR. TAPICK:

6 Q Do you have copies of those reports that were
7 prepared with respect to those quarries that you just
8 referenced?

9 A I should have the reports and I should have
10 some of that data.

11 Q We'll request that information from you at a
12 later point.

13 Do you know if Mr. Piza ever leased any part of
14 this property to a sand extraction operator?

15 A For sure I don't know. For sure I don't know.
16 Vaguely, I, I think he mentioned something about the
17 quarry at Cerro Guarico but I cannot.

18 Q Do you know if ever leased his property to
19 Wilfredo Torres for sand extraction?

20 A I think Wilfredo Torres was one of the persons
21 that was involved in the sand extraction but I think we
22 should ask him when the time comes what was his
23 relationship because I never was really aware how was

PAGE 187

1 operators to help us check on prices, possible volumes
2 of the disposition of the material, sale of the material
3 and items like that so --

4 Q Are you talking about you checked with them
5 for data with respect to this assignment or --

6 A Yes, for this assignment, for this assignment.

7 Q I'll you about that in a second but I guess
8 I'd like to get back to the point that you didn't
9 appraise a royalty interest in this case. Instead you
10 appraised the profits to be derived from the operation
11 of a sand extraction --

12 A Exactly, exactly.

13 Q -- business?

14 A Exactly.

15 Q Now, based on your experience of analyzing
16 market data, do you have an idea of what royalty rate a
17 land owner would receive if they were to lease their
18 property to a sand extraction operator?

19 MR. P.E. HARRISON: Object to the form the
20 question. It's irrelevant since he didn't do it in this
21 case.

22 THE DEPONENT: I can do some computations
23 because based on my experience with these other
24 quarries, I've seen royalties up to 1.50 to \$2. per

PAGE 189

1 his relationship; if was a contractor to extract the
2 sand or if he was a tenant, you know, or if it was based
3 on royalties.

4 I sincerely don't know what was the relationship.

5 Q Was there a reason you did not appraise a
6 royalty interest in this appraisal?

7 A Now that you ask me that question, probably
8 the only reason was that in the back of my mind, given
9 the "limited" of the volume of sand there, I saw it as
10 an owner's operations, rather, rather than something you
11 would market out.

12 Q Do you have any evidence of a sand extraction
13 operator purchasing property for extraction purposes,
14 property similar, similar to the subject?

15 A No, not for sand.

16 Q Did you look for comparable sales of land that
17 had been sold for sand extraction operators?

18 A We, we looked sales of quarries and none of
19 the sales of quarries were for sand extraction. For
20 example, we were able to get a sale of a quarry but it
21 was more construction material but not sand and even
22 less, silica sand.

23 Q So you did look but you didn't find any, is
24 that fair to say?

SHEET 49 PAGE 190

1 A Yes.
 2 Q Did you find any comparable sales that had
 3 silica sand with a highest and best use of residential
 4 development?
 5 A No.
 6 Q Did you look for it?
 7 A We looked for sales and we got our hands on
 8 everything that was out there but none would respond to
 9 that scenario, if you will.
 10 Q Did you look at any sales that had occurred to
 11 the east of Mr. Piza's property?
 12 A To the east of Mr. Piza's property were the
 13 sales of this development that I mentioned.
 14 Q The Playa Hermosa Development?
 15 A Playa Hermosa but none of that were sand.
 16 Q You didn't find any other sales in the
 17 vicinity of the subject property that were filled with
 18 sand deposits and were sold for residential development?
 19 A No.
 20 Q But you looked?
 21 A Yes.
 22 Q Now, on Page 23 of your report you address the
 23 highest and best used of the sand deposits, if I'm to
 24 understand the report. Is that a fair reading?

PAGE 191

1 A Say it again.
 2 Q You addressed highest and best use of sand
 3 deposits, is that correct?
 4 A Will you please say it.
 5 Q Let me back up and maybe this will make it
 6 clearer. This report is addressing the market value of
 7 the sand deposits on the property, is that correct?
 8 This addendum --
 9 A The sand deposits, yes.
 10 Q Okay. So your highest and best use section
 11 would be highest and best use for the sand deposit, is
 12 that fair?
 13 A Yes. Would the highest and best use of the
 14 property as a source of land.
 15 Q As a source of sand?
 16 A Of sands, yes.
 17 Q So you assessed the highest and best use of
 18 the deposits of sand and determined that the highest and
 19 best use was for extraction and sale, is that fair?
 20 A Section of sand, yes.
 21 Q Okay. So you went through the four criteria
 22 for highest and best use as you did in your other report
 23 and those four criteria being legal permissibility,
 24 physical possibility, financial feasibility and maximum

PAGE 192

1 productivity, is that correct?
 2 A Yes.
 3 Q Now, as to legal permissibility, you say on
 4 Page 23, "Most of the expropriated property lies in the
 5 zone where sand extraction is permitted by the
 6 Department of Natural and Environmental Resources."
 7 What zone are you talking about?
 8 A Primarily the main tract. Where it says, "is
 9 permitted", it should say "has been permitted".
 10 Q Okay.
 11 A Because it wasn't, as of the date of the
 12 appraisal, had been permitted before.
 13 Q When we're talking about the expropriated
 14 property here, do we mean the 34 "cuerdas", the 33.9
 15 acres?
 16 A Yes. It lies on its own where sand extraction
 17 has been permitted, the zone being the greater tract.
 18 Q Okay. So the zone you're referring to is the
 19 greater tract --
 20 A Yes.
 21 Q -- of Mr. Piza's farm --
 22 A Yes.
 23 Q -- if you will?
 24 A Yes.

PAGE 193

1 Q Okay. Now, the subject property is zoned B2,
 2 as we've established, is that correct?
 3 A Yes.
 4 Q Is sand extraction permitted as a use under B2
 5 zoning?
 6 A Sand extraction does not necessarily, is
 7 governed by the zoning. The, the Department of Natural
 8 Resources would allow you to extract the material and
 9 substitute it with fill prior, for example, to
 10 development but they will look at other criterias or
 11 that the zoning per se, it could be anything or any
 12 other zone so the sand extraction is, is more a permit
 13 that has to with the Department of Natural Resources
 14 criteria of the activity per se.
 15 Q Do you know if they first have to go to the
 16 Planing Board to get approval for sand extracting in an
 17 area zoned B2 before they can issue a sand extraction
 18 permit?
 19 A I don't know. I don't think they have to.
 20 Q But you don't know?
 21 A No. You have to definitely get it from the
 22 Department of Natural Resources.
 23 Q You state further on Page 23, "It should be
 24 added that Engineer Jose Hernandez is developing a six

SHEET 55 PAGE 214

1 daily extraction 80 percent.
 2 A Exactly. I'm allowing a 20 percent, how would
 3 I say? I don't know the word, but that you would in
 4 fact extract only 80 percent of what you're allowed.
 5 Q Do you have any support -- I'm sorry.
 6 A That you won't have, that you won't be a
 7 hundred percent efficient, that you would be only 80
 8 percent efficient and this is based on the track record
 9 of other quarries, 80 percent efficient, that you're not
 10 getting the 1,000 meters, you're getting only 80
 11 percent.
 12 That's why you get 1,360 tons instead of your
 13 probable 1,700.
 14 Q So you said the track record of other quarries
 15 --
 16 A It's reasonable to assume an 80 percent
 17 efficiency.
 18 Q Okay. Is the track record of other quarries
 19 information that you refer to, contained in your work
 20 file or referenced in this appraisal report?
 21 A No, it's not. I just put it there based on my
 22 knowledge of the, of the industry and our research.
 23 Q Now, I understand the next couple of
 24 computations so I'm not going to ask you about them.

PAGE 215

1 Then you get to total monthly income and you say 1,360
 2 tons per day which we just discussed --
 3 A Exactly.
 4 Q -- times \$30. per ton.
 5 A Exactly. That's the market value of the
 6 property.
 7 Q Okay. I'll ask you about that. What is the
 8 evidence that that's the market value of the product?
 9 A My consultations with people on the market,
 10 what should be used. Today I think it's running on \$50.
 11 Q Did you include any evidence of the \$30. per
 12 ton market value in this report?
 13 A No, this again, this is based on my interviews
 14 and information we gathered. I have nothing in writing
 15 but we can double check that later and I can say today
 16 it's running around \$50.
 17 Q Do you have any notes of these discussions?
 18 A No, not really.
 19 Q So nothing contained in your work file would
 20 verify or support this \$30. per ton --
 21 A No.
 22 Q -- figure?
 23 A We would have to get to the phone and check
 24 with the people that work on that on every day, again.

PAGE 216

1 Q And can you give me a list of the people you
 2 spoke to regarding that price per ton?
 3 A I remember one name distinctly. It's Cano
 4 Varela. He's an owner of a, a quarry that we were
 5 appraising but I can get from my associate, the names of
 6 the persons that we interviewed that are people in the
 7 business.
 8 Q And you'll provide that to us?
 9 A Sure.
 10 Q We request a list of the persons you spoke to
 11 regarding --
 12 A Sure. No problem with that.
 13 Q And can you tell me, based on your
 14 recollection, Mr. Gaztambide, is that a price that a
 15 purchaser such as Owens Illinois would be willing to pay
 16 after the sand has been extracted?
 17 A Yes.
 18 Q Now --
 19 MR. MUNPHREY: Let me interrupt you. Is
 20 somebody keeping a list of all the stuff we owe you?
 21 MR. TAPICK: That one I can remember.
 22 MR. MUNPHREY: Okay but --
 23 MR. P.E. HARRISON: We have Dr. Joyce's CV --
 24 MR. TAPICK: Oh, that was from Paul's depo. so

PAGE 217

1 I didn't take that up --
 2 MR. MUNPHREY: But there are some other things
 3 we owe you. His invoice --
 4 MR. TAPICK: Oh, that's right. Yes, thank you
 5 for reminding me.
 6 MR. MUNPHREY: Let's make a list --
 7 MR. TAPICK: Thank you. I appreciate that.
 8 MR. P.E. HARRISON: The CV and the list of
 9 cases, we'll give you that today.
 10 THE DEPONENT: And here it's 20 percent is the
 11 expenses you were asking for.
 12 EXAMINATION CONTINUED
 13 BY MR. TAPICK:
 14 Q That was my next question.
 15 A Yes.
 16 Q You say --
 17 A That's the cost of extracting.
 18 Q What is your evidence that that is the cost of
 19 extracting?
 20 A Uh-huh.
 21 Q I'm sorry. What --
 22 A Twenty percent, 20 percent.
 23 Q What is the basis for that number?
 24 A Again, my consultation with people that do

SHEET 56 PAGE 218

1 that every day.
 2 Q So the same list of individuals who --
 3 A Yes.
 4 Q -- provided you with the \$30. per ton market
 5 price would have the data that you relied upon to arrive
 6 at your determination that 20 percent of this would go
 7 towards expenses --
 8 A Yes.
 9 Q Is that correct?
 10 A Yes.
 11 Q Is that 20 percent of expenses the entirety of
 12 the cost associated --
 13 A Yes.
 14 Q -- with sand extraction?
 15 A Yes.
 16 Q Okay. Do costs ever vary, depending upon site
 17 conditions?
 18 A Yes, they could vary.
 19 Q Does that 20 percent account for the
 20 variability of extraction operation for --
 21 A Yes, that's a representative figure. Someone
 22 more efficient could probably do it for less but 20
 23 percent is pretty market driven.
 24 Q I asked you before if that was the price, the

PAGE 220

1 that will be on the list that you --
 2 A Exactly, exactly.
 3 Q How did you arrive at a 15 percent discount
 4 rate?
 5 A This is a judgement call. A typical discount
 6 rate for real estate would go in the ten, maybe the nine
 7 to 15 percent range so I used the upper end of the
 8 range.
 9 Q Is there a market support for a 15 percent
 10 discount rate for a sand extraction operation?
 11 A I don't think so.
 12 Q What is the support for your discount factor
 13 of 5.74?
 14 A Five point seventy four is just the reciprocal
 15 of 15 percent.
 16 Q Is that right?
 17 A Yes.
 18 Q Okay. My question and you must understand as
 19 a lawyer my familiarity with computations is pretty slim
 20 so please bear with me. I know it's late.
 21 A I take the Fifth.
 22 Q But on Page 29 you have the same discount rate
 23 but a different discount factor and I'd like to know why
 24 just because I don't understand.

PAGE 219

1 \$30. per ton was the price that like an Owens Illinois
 2 would have to pay --
 3 A Yes.
 4 Q -- for the sand product. That's the product
 5 delivered to them or that they can come pick up, do you
 6 know?
 7 A Delivered to them.
 8 Q Delivered to them, okay.
 9 A And then 20 days is the number of days that
 10 you would operate in a month.
 11 Q Did you analyze the particular circumstances
 12 of the 33 acres site to determine any of the
 13 variables that you utilized in your income approach?
 14 A Based on my observations in comparable
 15 quarries, this site does not present anything outside of
 16 the, of the normal, if you will. I've seen operations
 17 in much more difficult situations accessibility wise,
 18 road wise.
 19 Q But you're not an expert in sand extraction
 20 operations, is that fair?
 21 A No, I'm not an expert. I just interviewed
 22 people that do that every day, not that theorize about
 23 it, but live it.
 24 Q And those people you interviewed at the ones

PAGE 221

1 A It's because of the volume, because of the
 2 volume. The volume is larger so you would be producing
 3 income. In the first case, you will have, with this
 4 volume you have enough sand for 6.25 months. In this
 5 one you have for 12.5 months so if you have double this
 6 amount of sand, your factor will be --
 7 Q Will be double?
 8 A Close to.
 9 Q Okay. So is the discount factor in fact the
 10 reciprocal of 15 percent?
 11 A At that time, at the time frame because --
 12 Q For the time frame?
 13 A Yes.
 14 Q Because the time frame is the other variable
 15 you used to arrive at the discount factor?
 16 A Right, right.
 17 Q I understand. Why is the discount factor
 18 significant in your analysis?
 19 A It's just a measure of present value of future
 20 earnings. Then finally, if you will, you have a
 21 deferred factor of one year under the assumption that it
 22 will take one year to get the permits so you could
 23 argue, what about two, of course. Two will reflect a
 24 lower value.